



St Matthew's Catholic Primary School – Progression Map

Algebra

EQUATIONS						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
	<i>Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7 = \square - 9$ (copied from Addition and Subtraction)</i>	<i>Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and missing number problems. (copied from Addition and Subtraction)</i>	<i>Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction. (copied from Addition and Subtraction)</i>		<i>Use the properties of rectangles to deduce related facts and find missing lengths and angles (copied from Geometry: Properties of Shapes)</i>	<i>Express missing number problems algebraically</i>
	<i>Represent and use number bonds and related subtraction facts within 20 (also in Addition and Subtraction)</i>	<i>Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100 (also in Addition and Subtraction)</i>	<i>Solve problems, including missing number problems, involving multiplication and division, including integer scaling (also in Multiplication and Division)</i>			<i>Find pairs of numbers that satisfy number sentences involving two unknowns</i>



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						Enumerate all possibilities of combinations of two variables
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FORMULAE						
EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
				Perimeter can be expressed algebraically as $2(a + b)$ where a and b are the dimensions in the same unit. (also in measurement)		Use simple formulae
						Recognise when it is possible to use formulae for area and volume of shapes (also in Measurement)
SEQUENCES						
	Sequence events in chronological order using language such as: before	Compare and sequence intervals of time (also in Measurement)				Generate and describe linear number



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	<i>and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening (also in Measurement)</i>					sequences
		<i>Order and arrange combinations of mathematical objects in patterns (also in Geometry: position and direction)</i>				